

KHAKHINA, Z. D.

U.S.S.R. / General Problems of Pathology. Pathophysiology of
the Infectious Process.

T-4

Abs Jour : Ref. Zh.-Biol., No 2, 1958, No 7618

Author : Makorovskaya, L.N., Khakhina, Z.D., Zavyalova, N.K. Bichul',
K.G.

Inst :

Title : The Influence of Medicated Sleep on the Course of Experi-
mental Plague in Guinea Pigs.

Orig Pub : Tr. Rostovsk. N. - D. gos. n.-i. Protivochumn. IN-TA 1956,
10, 42-43

Abstract : Guinea Pigs received MLD of B. Pestis, strain 177, subcu-
taneously, 45 minutes after the administration of thiopen-
tal sodium or urethan. Sleep had no curative action on the
course of the disease; all the animals died. The average

Card : 1/2

Title : Variability

Orig Pub : Tr. Rostovsk.-n.-D. gos. n.-i. protivochumn. In-ta, 1956,
10, 125-141

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721710009-4"

Abstract : The authors believe that a method of directed variation in
cultural properties which will produce avirulent variants in
4 to 11 months from all the tested strains of virulent va-
riants is the daily reinoculation of plague bacteria on Mar-
tin agar at 37°. The acquired avirulence is stable and is
not reduced after passage through white mice and guinea pigs.

Card : 1/2

Card : 2/2

SOMOV, A.G.; SILICH, V.A.; POLYAKOV, I.I.; KHAKHINA, Z.D.; GERASYUK, G.I.

Experimental mixed Q fever and brucellosis. Report No.1:
Characteristics of the course of Q fever. Zhur.mikrobiol.
epid. i immun. 30 no.3:100-106 Mr '59. (MIRA 12:5)

1. Iz Rostovskogo-na-Donu instituta Ministerstva zdavookhraneniya
SSSR i Instituta epidemiologii i mikrobiologii imeni Gamalei AMN
SSSR.

(Q FEVER, exper.
eff. of brucellosis (Rus))
(BRUCELLOSIS, exper.
eff. on Q fever (Rus))

POLYAKOV, I.I.; SOMOVA, A.G.; SILICH, V.A.; KHAKHINA, Z.D.; GERASYUK, L.G.

Experimental mixed Q fever and brucellosis. Report No.2:
Characteristics of the course of brucellosis. Zhur.mikrobiol.
epid. i immun. 30 no.3:106-110 Mr '59. (MIRA 12:5)

1. Iz Rostovskogo-na-Donu nauchno-issledovatel'skogo protivochum-
nogo instituta Ministerstva zdravookhraneniya SSSR i Instituta
epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.

(BRUCELLOSIS, exper.

eff. of Q fever (Rus))

(Q FEVER, exper.

eff. on brucellosis (Rus))

17(2,6)

SOV/16-60-2-16/35

AUTHORS: Khakhina, Z.D., Somova, A.G., Silich, V.A., Polyakov, I.I., Gerasyuk, L.G.

TITLE: Experimental Mixed Infection With Q-Fever and Brucellosis. III. The Pathomorphology of Mixed Infection

PERIODICAL: Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1960, Nr 2, pp 77 - 82 (USSR)

ABSTRACT: Parts I and II appeared in Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1959, Nr 3. Subject section is an account of the experiments performed on guinea pigs to determine the features of Q-fever and brucellosis in a mixed infection, with the two components injected simultaneously or at intervals. Deviations from the normal course of infection were noted for each of the components. The guinea pigs were cleared more quickly of Rickettsia burneti. Brucellosis was less marked after simultaneous infection or pre-infection with R. burneti. The pathologo-morphological lesions were less pronounced than would have been the case had the animals been infected with one of the causative agents proper. It was found that the rate of change in the course of the infection depended on the interval between the administration of R. burneti

Card 1/3

SOV/16-60-2-16/35

Experimental Mixed Infection With Q-Fever and Brucellosis. III. The Pathomorphology of Mixed Infection

and Brucella. The most marked deviation from the normal course was observed when the second infection was performed one month after the first. The development of brucellosis in animals previously infected with Q-fever was slower than in the control group, the lesions developed later and cleared up more rapidly. Q-fever in animals previously infected with Brucella differed markedly from the normal clinical course: lack of infiltrate at the site of infection, more marked febrile reaction, increased complement-fixation antibody titer (4 - 5 times higher than in the control group), more rapid sterilization of the body of Rickettsia. Brucellae were isolated slightly more frequently in these animals but the tissue lesions were less pronounced. Sero-allergic reactions with brucellosis antigen and the accompanying phagocytic activity of the leukocytes were depressed. The results may be of value in diagnosis (veterinary and medical) and in associated vaccination against brucellosis and Q-fever. There are: 3 photographs and 2 references, 1 of which is Soviet and 1 English. ✓

Card 2/3

YANSHIN, A.L.; PETRUSHEVSKIY, B.A.; ALEKSANDROVA, M.I.; BORSUK, B.I.;
VOLIN, A.V.; ZUBKOVSKAYA, I.M.; YAKOVLEV, D.I.; BER, A.G.;
BOROVNIKOV, L.I.; BOYTSOVA, Ye.P.; OVECHKIN, N.K.; BESPALOV, V.F.;
SHLYGIN, Ye.D.; SPERANSKIY, B.F.; KHAKHLOV, V.A.; RAGOZIN, L.A.;
DITMAR, V.G.; GORSKIY, I.I., red.; KASSIN, N.G., red.; FOMICHEV,
V.D., red.; DZHEVANOVSIIY, Yu.K., red.; CHIKHACHEV, P.K., red.;
KOMISHAN, I.S., red.; DASHKOVA, A.D., red.; VODOLAGINA, S., tekhn.
red.; VDOVINA, M.P., tekhn. red.

[Geological map of the U.S.S.R., scale 1:1,000,000] Geologicheskaya
karta SSSR, masshtab 1:1,000,000. [Explanatory notes to accompany
sheet] Ob'iasnitel'naya zapiska k listu. L-40 [Emba] (Emba).
1949. 56 p. L-41 [Kzyl-Orda] (Kzyl-Orda). 1946. 20 p.
L-42 [Karsakpai] (Karsakpai). 1949. 42 p. M-41
[Turgay] (Turgai). 1948. 28 p. M-43 [Karaganda] (Karaganda).
1947. 37 p. N-42 [Petrovsk] (Petrovsk). 1947. 27 p.
N-44 [Novosibirsk] (Novosibirsk). 1948. 33 p. O-45
[Tomsk] (Tomsk). 1949. 26 p. O-49 [Kirensk] (Kirensk). 1947.
40 p. Moskva, Gos. izd-vo geol. lit-ry. (MIPA 11:8)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii.
(Geology--Maps)

KHAKHLOV, V. A.

Khakhlov, V. A. and Larishchev, I. A. "On the history of the investigation of the quality of the coal of the Tom'Usa area of the Kuzbas" (On the problem of coking value), Uchen. zapiski (Torskiy gos. un-t in. Kuybysheva), No. 11, 1948, p. 169-71.

So: U-3261, 10 April 53, (Letopis 'Zhurnal 'nykh Statey, No. 12, 1929).

KHAKHLOV, V.A.

Khakhlov, V.A. "Materials for the understanding of tertiary flora of Northwest Siberia," Trudy Tomskogo gos. un-ta im. Kuybysheva, Vol. XCIX, 1948, p. 3-27

SO: U-2888, Letopis Zhurnal'nykh Statey, No. 1, 1949

KHAKHLOV, V.A.

Khakhlov, V.A. "Materials for the understanding of fossilized flora in the Kemerovsk region of the Kusbass," Trudy Tomskogo gos. un-ta im. Kuybysheva, Vol. XCIX, 1948, p. 167-82 - Bibliog: p. 181-82

SO: U-2888, Letopis Zhurnal'nykh Statey, No. 1, 1949

KHAKHLOV, V.A.

Khakhlov, V.A. "Some fragments of fossilized plants from the Gorlovsk coal-bearing basin," Trudy Tomskogo gos. un-ta im. Kuybysheva, Vol. XCIX, 1948, p. 183-2000

SO: U-2888, Letopis Zhurnal'nykh Statey, No. 1, 1949

KHAKHLOV, V. A.

30416

Opyt kul'tury roz v otkrytom gruntyc Tomska. Byullyetyen' Glav. Botan.
sada, vyp. 3, 1949, s. 74-75.

SO: LETOPIS' No. 34

KHAKHLOV, V. A.

PA 39/49T37

USSR/Medicine - Plants
Medicine - Taxonomy

Apr 49

"New Tertiary Plants From the Ob' River" V. A.
Khakhlov, Paleontol Mus, Tomsk State U imeni V.
V. Kuybyshev, 3 pp

"Dok Ak Nauk SSSR" Vol LXV, No 5

Lists new flora found near Kireyevskiy Village.
According to development, Kireyevskiy flora are
a new link in the developmental chain of tertiary
flora of Western Siberia. According to age, they
occupy an intermediate position between Tarskiy
and Turgayskiy flora. Submitted by Acad V. A.
Obruchev, 4 Feb 49.

39/49T87

FDB

ANAN'YEV, A.R.; KHAKHLOV, V.A., red.; OSOVSKIY, A.T., tekhn.red.

[Principal deposits of Devonian flora in the Sayan-Altai
mountain region] Vashneishie mestonakhozhdenia devonskikh
flor v Saiano-Altaiskoi gornoj oblasti. Tomsk, Izd-vo
Tomskogo univ., 1959. 83 p. (MIRA 14:2)
(Altai Mountains--Paleobotany)
(Sayan Mountains--Paleobotany)

KHALFIN, L.O., prof., otv. red.; IVANIYA, V.A., dots., kand.
geol.-miner. nauk, red. toma; BAZHENOV, I.K., prof., red.;
BULYNNIKOV, A.Ya., prof., red.; CORBUNOV, M.G., dots., kand.
geol.-miner. nauk, red.; KUZ'MIN, A.M., prof., red.; MIKOV,
D.S., prof., red.; ROGOV, G.M., dots., kand. geol.-miner.
nauk, red.; SULAKSHIN, S.S., dots., kand. tekhn. nauk, red.;
KHAKHLOV, V.A., prof., red.

[Materials on the geology and minerals of Western Siberia;
reports] Materialy po geologii i poleznyim iskopaemyim Zapadnoi
Sibiri; doklady. Tomsk, Izd-vo Tomskogo univ., 1964. 224 p.
(MIRA 18:3)

1. Konferentsiya, posvyashchennaya 100-letiyu so dnya rozhde-
niya akademika N.A.Usova, Tomsk, 1963.

KHAKHLOV, Venedikt Andreyevich, prof.; ANAN'YEV, A.R., red.

[Upper Paleozoic flora of northern Siberia in seven issues]
Verkhnepaleozoiskaya flora severa Sibiri. Tomsk, Izd-vo
Tomskogo univ. No.1. 1964. 112 p. (MIRA 18:9)

KHAKHLOV, V. V.: Master Geolog-Mineralo Sci (diss) -- "Features of the petrography and metamorphism of ancient carbonate and silicate strata of the northern portion of the Kuznetsk Ala-Tau". Tomsk, 1958. 13 pp (Tomsk State U im V. V. Kuybyshev), 150 copies (KL, No 2, 1959, 119)

KHAKHLOV, V.V.

Schistosity and sedimentation of rocks in the Basandayka series of
the Lower Carboniferous in the Tomsk region. Mat.po geol.Zap.Sib.
no.63:222-230 '62. (MIRA 16:10)

KHAKHLOV, V. V.

Textural and structural characteristics of marbles in the Mel'tsevo region (Anzhero-Sudzhensk District). Nauch.dokl.vys.shkoly: geol.-nauki no.4:137-140 '68. (MIRA 12:6)

1. Tomskiy universitet, geologo-geograficheskiy fakul'tet, kafedra petrografii.
(Anzhero-Sudzhensk District--Marble)

KHAKHLOV, V.V.

Geochemical characteristics of the Visean rocks in the north of the
Kolivan'-Tomsk fold zone. Lit. i pol. iskop. no.4:88-95 J1-Ag '64.
(MIRA 17:11)

1. Tomskiy gosudarstvennyy universitet.

KHAKHLOVA, N.V.; DOMBROVSKAYA, N.S.

Quaternary reciprocal system consisting of Na, K., Ba/Cl, SO₄.
Zhur.neorg.khim. 7 no.2:364-376 F '62. (MIRA 15:3)
(Systems (Chemistry))

KHAKHLOVA, N.V.

Determination of the steps of stable diagonal lines in the
systems consisting of 9 salts of the types A and B. Zhur.
neorg. khim 9 no.6:1446-1449 Je '63 (MIRA 17:8)

EHAMMO, A. ; RUDNITSKAYA, A.

Establishing norms for the number of auxiliary workers in coal pits.
Sots.trud no.9:69-74 S '57. (MLRA 10:9)
(Coal mines and mining--Production standards)

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CIA-RDP86-00513R000721710009-4"

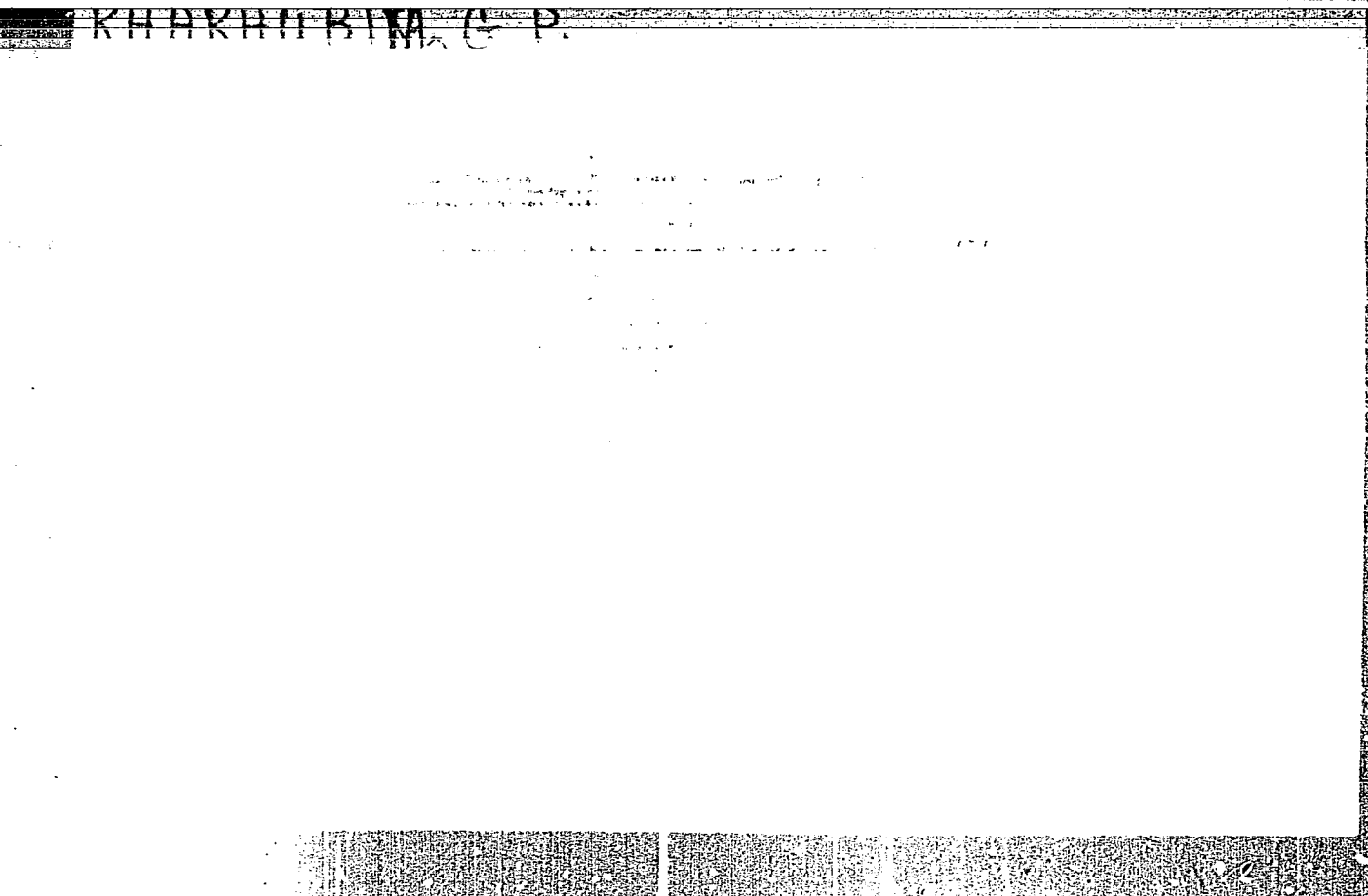
KHAKHUBIYA, G. P.

Khakhubiya, G. P.- "A generalization of Goursat's resolvent theory for linear charged integral equations," A commemorative collection of transactions dedicated to the 25th anniversary of the Institute, (Gruz. politkhn. in-t im. Kirova, No 17), Tbilisi, 1948, p. 15-42, (In Georgian, resume in Russian), - Bibliog: 6 items

SO: U-5240, 17, Dec. 53, (Letopis 'Zhurnal 'nykh Statey, No. 25, 1949).

"APPROVED FOR RELEASE: 09/17/2001

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APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721710009-4"

KHAKHUBIYA, G.P.

Fourier expansion of a domain function and its application. Trudy
GPI [Gruz.] no.6:55-67 '61. (MIRA 16:4)
(Function, Continuous) (Fourier series)

KHAKHUBIYA, TS.G. (Tbilisi-Moscow)

Lemma on random determinants and its use in characterizing
multivariate distributions. Teor. verioat.i ee prim. 10
no.4:755-758 '65. (MIRA 18:12)

1. Submitted May 21, 1965.

KHAKHULIN, I.

The 1962 work results and our pledges. Den. i kred. 21 no.3:
35-38 Mr '63. (MIRA 16:3)

1. Voronezhskiy oblastnoy komitet soyuza rabotnikov gosudarstvennykh
uchrezhdeniy.

(Voronezh Province—Banks and banking)
(Socialist competition)

TURKIN, A.N., inzh.; IZMALKOV, Yu.G., inzh.; KHAKHULIN, N.Ye., inzh.;
TYUTIN, Ye.V., inzh.

Use of hydraulic clutches as direct controllers of once-through
boilers. Elek. sta. 35 no.6:28-32 Je '64.

(MIRA 18:1)

KHAKHUTAYSHVILI, D.A.

Geographical location of cities in ancient Iberia. Soob. AN Gruz.
SSR 22 no.4:499-504 Ap '59. (MIRA 12:9)

1. AN Gruz SSR, Institut istorii im. akad. I.A. Dzhevakhishvili,
Tbilisi. Predstavleno chlenom-korrespondentom akademii G.S.
Chitaya.

(Georgia--Cities and towns, Ancient)

S/251/62/028/004/002/003
IQ42/I242

AUTHORS: Ketskhoveli, E.N., Kinkladze, D.Ch., Khakhutashvili,
Ts. Ye.

TITLE: The dynamics of the chlorophyll in bark and leaves
in connection with its transfer to the bark

PERIODICAL: Akademiya nauk Gruzinskoy SSR. Soobshcheniya,
v.28, no.4, 1962, 455-460

TEXT: Previous work in the field is surveyed. The problem of the dynamics of chlorophyll and yellow phytochromes, as well as the distribution of phytochromes among the various organs require further study. The present investigation is the continuation of an earlier study by the authors. The following plants were considered: 1) Quercus castaniifolia, 2) Rubus sp., 3) Ligustrum lucidum, 4) Ilex colchica. Samples for measuring the chlorophyll content were prepared

Card 1/3

S/251/62/028/004/002/003
I042/I242

The dynamics of the chlorophyll...

by Sapozhnikov's method (Ref. 8: Tr. Bot. in-ta im. V.L. Komarov, v.8, 1951). The density of acetone-alcohol extracts of chlorophyll was measured with the FEK-M (FEK-M) unit. It was found that in Autumn the chlorophyll of leaf-shedding trees migrates from the leaves to the bark. Evergreen plants and those leaf-shedding plants which sometimes keep their green leaves through the Winter often fail to display the relation between the depletion of chlorophyll in the leaves and its simultaneous accumulation in the bark. The chlorophyll content of the bark of evergreen plants varies with changes in internal environment. There is 1 table.

ASSOCIATION: Akademiya nauk Gruzinskoy SSR, Institut. botaniki,
Tbilisi (Academy of Sciences of the Georgian SSR,
Botany Institute, Tbilisi)

Card 2/3

KHAKILOV, A. Kh.

USSR/Physics - Raman Spectra Sep/Oct 53

"Investigation of Dependence of Intensity of Raman Spectra Lines on Frequency of the Exciting Light and on Molecular Structure," A. Kh. Khakilov, Inst of Phys and Math, Acad Sci Az SSR

Iz Ak Nauk, Ser Fiz, No 5, pp 586-591

Attempts to verify deviation from law ($I = \text{const} \cdot \text{freq}^4$) near the resonance excitation of Raman spectra. Tabulated results of measurements of aromatic compds. Indebted to P. P. Shorygin.

274789

KHAKIM, A.; BAZILEVICH, S.D.

Nitrogen losses in mineral fertilizers caused by denitrifying bacteria. Izv. AN SSSR. Ser. biol. no.4:595-600 J1-Ag '64. (MJRA 17:10)

1. Moskovskaya ordena Lenina sel'skokhozyaystvennaya akademiya im. Timiryazeva.

KHAKIM, A.; BAZILEVICH, S.D.

Nitrogen losses from mineral fertilizers induced by denitrifying
bacteria in a monobacterial culture. Izv. AN SSSR. Ser. biol.
no.5:769-772 S-O '65. (MIRA 18:9)

1. Moskovskaya ordena Lenina sel'skokhozyaystvennaya akademiya
im. K.A. Timiryazeva.

KHAKIMBAYEV, A.A.

Development of the gas industry in Uzbekistan. Gaz. prom. 6
no. 1:35-39 '61. (MIRA 14:1)
(Uzbekistan—Gas industry)

CA

1ST AND 2ND ORDERS

PROCESSES AND PRIORITIES INDEX

The formation of cracks in aluminum alloys under the influence of solidification and cooling stresses. A. A. Buchvat and M. K. Khukhmodzhanova. *Doklady Akad. Nauk SSSR*, 1980, 255, 801-803, 1840. *Met. Abstracts on Metals & Alloys*, 10, 400. Al alloys contg. 2, 4, 6, 8, 10, 12% Si and 1, 3, 12% Cu were investigated. The tendency of Al-Si alloys to form cracks under the influence of solidification and cooling stresses was sharply reduced by increasing the addn. of Si up to eutectic compn. The modification of aluminum with 0.001 NaF + 0.001 NaCl had no practical effect upon the tendency to form cracks, whereas 0.1% Na increased the tendency somewhat. Fe greatly increased the tendency to form cracks in low Si alloys; in alloys with 5-6% Si the effect of Fe was weaker, and in a eutectic alloy the effect was practically absent. The influence of Fe was dependent upon its concn. Thus, in alloys contg. 2% Si, there was a noticeable effect from 1% Fe, while in alloys with 5-6% Si, the deleterious effect started with 1.5% Fe. In regard to the Al-Cu alloys, the addn. of Cu reduced the tendency to form cracks. However, even the alloy with 12% Cu showed a greater tendency to form cracks than did the alloys with 6 or 1% Si.

ASAC SLA METALLURGICAL LITERATURE CLASSIFICATION

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2

*On the Tendency of Aluminium Alloys to Cracking Under Shrinkage Stresses.
A. A. Hochvar and M. K. Khakimshannya (Sbornik Nauch. Trudov Moskov. Ind. Tsvet. Metallov Zolota (Collected Scientific Works of the Moscow Institute for Non-Ferrous Metals and Gold), 1948, (8), 39-45).—[In Russian]. By a method developed by B. and K., aluminium-silicon alloys containing 4, 8, 2, 4, 6, 8, 10, and 12% silicon, and aluminium-copper alloys containing 4, 8, and 12% copper, and pure aluminium (99.99%) were investigated. The effect of the modification treatment of Silumin and the effect of iron on shrinkage cracking were also studied. The tendency of the aluminium-silicon alloys towards shrinkage cracking sharply decreases with an increasing silicon content. Modification by salts has no effect, while modification by sodium increases the tendency to shrinkage cracks. Iron markedly increases the tendency to shrinkage cracking in low-silicon alloys, has less effect on medium-tendency to shrinkage cracking in low-silicon alloys, and no effect on eutectic alloys. In aluminium-copper alloys, copper slightly reduces the tendency to shrinkage cracking.—N. A.

KHAKIMDZHANOVA, E. K.

USSR/Engineering - Bearings

Feb 51

"Solders for Tinning Bearings Before Lining
Them With Babbitts," A. I. Anopova, M. K.
Khakimdzhanova, Engineers, ZIS

"Litey Proiz" No 2, pp 29, 30

Studied several grades of POS- and POSS-type
solders for mech properties and adherence
to steel and babbitt. Found POSS-4-6 tin-lead-
antimony most practical solder and accepted
instead of POS-30 (tin-lead) for tinning
shells of bearings of camshaft and compressor
connecting rods in truck engines. Describes
testing procedure.

185T52

DUBINSKIY, S.A.; ROSSEL'S, N.O.; LAKEDEMONSKIY, A.V.; ANOPOVA, A.I.;
KHAKIMDZHANOVA, M.K.

Effect of nickel on solders. TSvet.met.27 no.3:50-55 My-Je '54.
(MIRA 10:10)

1. TSentral'nyy nauchno-issledovatel'skiy institut olovyannoy
promyshlennosti (for Dubinskiy, Rossel's). 2. Avtozavod im.Stalina
(for LakedemonSKIY, Anopova, Khakimdzhanova).
(Nickel) (Solder and soldering)

BLINKIN, A.A., mladshiy nauchnyy sotrudnik; KHAKIMOV, A., aspirant

Verticillium infection of cotton leaves. Zashch. rast. ot vred.
1 bol. 9 no.10:15-16 '64 (MIRA 18:1)

1. Vsesoyuznyy institut zashchity rasteniy (for Benken). 2.
Sredneaziatskiy institut zashchity rasteniy (for Khakimov).

KHAKIMOV, D.

Cotton separation. Trudy TIIIMSKH no.19:103-112 '62.

(MIRA 17:1)

KHAKIMOV, D.Kh.

SOSNOVSKIY, S.I.; KHAKIMOV, D.Kh.

Method of examination of air pollution in work with farming machines. Gig. i san. no.11:48-49 N '54. (MLRA 7:12)

1. Iz kafedry "Traktory i avtomobili" Tashkentskogo instituta inzhenerov irrigatsii i mekhanizatsii sel'skogo khozyaystva I Uzbekskogo nauchno-issledovatel'skogo sanitarnogo instituta.

(INDUSTRIAL HYGIENE

air pollution exam. in work with farming machines)

(AIR POLLUTION

dust content determ. in work with farming machines)

(DUST, determination

air in work with farming machines)

(AGRICULTURE

work with farming machines, determ. of dust in air)

KHAKIMOV, F.B., fel'dsher (Saldus Latvyskoy SSR)

Treatment of hypertension. Fel'd. i akush. 27 no.12:49 D'62.
(MIRA 16:7)
(HYPERTENSION)

SORKIN, Ya.G.; NEL'KENBAUM, Ya.I.; GABDRAKHMANOV, F.Kh.; KHAKIMOV, F.G;
SAYFUTDINOV, M.Z.

Industrial testing of the OKO nonionogenic demulsifying compound
on Romashkino oils. Khim.i tekhn.toch.i masel 7 no.9:24-27
S '62. (MIRA 15:8)

1. Chernikovskiy neftepererabatyvayushchiy zavod.
(Chernikovsk--Petroleum--Refining) (Emulsions)

L 17535-63

PI-4/Pc-4/Pq-4

EST(1)/BDS/EEC-2/ES(v)

PT-2/GW

AFFTC/ASD/AFMDC/ESD-3/APGC

Pe-4/

ACCESSION NR: AP3004418

S/0020/63, 151/004/0818/0821

AUTHORS: Ylasov, A. A.; Khakimov, F. Kh.

81

80

TITLE: Theory of stationary properties of fully ionized, earth-surrounding plasma.

SOURCE: AN SSSR. Doklady*, v. 151, no. 4, 1963, 818-821.

TOPIC TAGS: ionized plasma, plasma, radiation belt, geophysics.

ABSTRACT: Authors attempt to clarify the question as to whether the radiation belts surrounding the earth are formed as the result of a single statistical formation. The following circumstances must be taken into consideration: (i) the ellipticity of the distribution function at high altitudes; (ii) the effect of the external (dipole) earth's magnetic field upon this distribution; (iii) the interaction of charged particles among themselves and the combined charge of the earth and the atmosphere. These factors produce a considerable space anisotropy in the distribution of nuclei and electrons. The formulation of the problem and its solution are similar to those given in a previous paper by A. A. Vlasov (Zh. T. F. no. 7, 1961, 795). Graphical analysis of the solution shows

Card 1/2

L 17535-63

ACCESSION NR: AP3004418

that there is a belt in which the nuclei predominate; while electrons predominate outside of this belt. The solution satisfies the condition of neutrality of the system earth, atmosphere, and the fully ionized earth-surrounding plasma. Orig. art. has: 2 figures and 20 unnumbered equations.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova
(Moscow State University)

SUBMITTED: 04Dec62

DATE ACQ: 21Aug63

ENCL: 00

SUB CODE: PH

NO REF SOV: 001

OTHER: 000

Card 2/2

KHAKIMOV, F.M.; KAMYSHEV, S.F.

Study of physicommechanical properties of hydraulic binding materials obtained at the local raw material base of the Tatar A.S.S.R. by the Geological Institute of the Kazan Branch of the Academy of Sciences of the U.S.S.R. *Izv. Kazan. fil. An SSSR Ser. geol. nauk* no. 3:40-43 '55. (MLRA 9:7)

1. Kazanskiy institut inzhenerov stroitel'nykh promyshlennosti.

(Tatar A.S.S.R.--Binding materials)

Khakimov, F. M.

USSR/Chemical Technology. Chemical Products and their Application.
Glass. Ceramics. Construction Materials.

J-12

Abs Jour: Referat Zh.-Kh., No 8, 1957, 27755.

Author : F.M. Khakimov, Ye.F. Kamyshev.

Inst : Kazan Constructing Engineering Institute of Mineral Oil
Industry.

Title : Study of Non-Deficit Additions to Plaster-of-Paris for
Retarding Its Setting.

Orig Pub: Nauch. tr. Kazansk. in-ta inzh.-stroit. nef. prom-sti, 1956,
vyp. 4, 47-60.

Abstract: It was established that the wastes of leather manufacturing -
"podzol," further glycerin petroleum asphalt, lye after soap
manufacturing, lime slime, water glass and milled quick lime
are the most efficient among the studied retarders of plaster-
of-Paris setting.

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KHAKIMOV, F.Z.

Networks for connecting the condenser batteries of tuned electric
power transmission lines. Trudy Sib. nauch.-issl. inst. energ. no.1:
16-23 '64. (MIRA 18:5)

KHAKIMOV, F.Z.

Generalized method for analyzing iterated ladder networks using
continued fractions. Trudy Transp.-energ. inst. Sib. otd. AN
SSSR no.16:122-140 '63. (MIRA 16:11)

TSUKERVANIK, I.P.; KHAKIMOV, G.Kh.

Alkylation of aromatic compounds by alcohols. Part 17: Reactions
of propyl and butyl alcohols with benzene. Zhur.ob.khim. 32
no.4:1296-1301 Ap '62. (MIRA 15:4)

1. Tashkentskiy gosudarstvennyy universitet.
(Propyl alcohol) (Butyl alcohol) (Benzene)

CHARYGIN, Mikhail Mikhaylovich; VASIL'YEV, Yuriy Mikhaylovich;
MIL'NICHUK, V.S.; KHAKIMOV, G.Kh.; DZHULAMANOV, K.D.;
ALIYEV, T.U.; BOGACHEVA, N.G.; ved. red.; STAROSTINA,
L.D., tekhn. red.

[Geology and prospects for finding oil and gas in the Aral-
Caspian region] Geologiya i perspektivy neftegazonosnosti
Aralo-Kaspiiskogo regiona. Moskva, Gostoptekhizdat, 1963.
286 p. (MIRA 17:1)

KHAKIMOV, G.Kh.; TSUKERVANIK, I.P.

Alkylation of aromatic compounds with alcohols. Part 18:
Reactions of 1-pentanol and 1-hexanol with benzene. Zhur.ob.
khim. 33 no.2:493-499 F '63. (MIRA 16:2)
(Pentanol) (Hexanol) (Benzene)

KHAKIMOV, G.Kh.; TSUKERVANIK, I.P.

Alkylation of aromatic compounds by alcohols. Part 19: Reaction of 1-heptanol, 1-octanol, 1-nonanol, 1-decanol, and 1-hexadecanol with benzene. Uzb.khim.zhur.7 no.1:76-80 '63.
(MIRA 16:4)

1. Tashkentskiy gosudarstvennyy universitet imeni Lenina.
(Alcohols) (Benzene)

USMANOV, Kh.U.; NIGMANKHODZHAYEVA, M.S.; KHAKIMOV, I.; INOYATOV, N.

Effect of the time of defoliation of cotton plants on the
mechanical and thermodynamic properties of cotton fiber.
Uzb.khim.zhur. no.5:21-26 '61. (MIRA 14:9)

1. Institut khimii polimerov AN Uzbekskoy SSR. 2. Chlen-kor-
respondent AN Uzbekskoy SSR (for Usmanov).
(Cotton)

USMANOV, Kh.U.; KHAKIMOV, I.Kh.

Heat of wetting of cotton cellulose in organic liquids. Uzb.
khim. zhur. no.2:21-26 '59. (MIRA 12:7)

1.Chlen-korrespondent AN UzSSR (for Usmanov). 2.Institut
rastitel'nykh veshchestv AN UzSSR.
(Cellulose) (Heat of wetting)

USMANOV, Kh.U.; KHAKIMOV, I.Kh.

Heat of wetting of cotton cellulose and hydrated cellulose in
organic liquids. Uzb.khim.zhur. no.5:30-33 '59.
(MIRA 13:2)

1. Chlen-korrespondent AN UzSSR (for Usmanov). 2. Institut
khimii polimerov.
(Cellulose) (Heat of wetting)

USMANOV, Kh.U.; KHAKIMOV, I.Kh.

Heat of wetting in alcohol of cotton cellulose from variety
108-F at different growing periods. Dokl.AN Uz.SSR no.11:
32-34 '59. (MIRA 13:4)

1. Institut khimii polimerov AN UzSSR. 2. Chlen-korrespondent
AN UzSSR (for Usmanov)
(Cotton) (Heat of wetting)

KHAKIMOV, I. KH., CAND CHEM SCI, "ON ^{inter}~~the~~ REACTION ^{between} ~~of~~ CELLULOSE ^{and} ~~with~~ CERTAIN CLASSES OF ORGANIC LIQUIDS."
TASHKENT, PUBLISHING HOUSE ^{Khakimov} ~~AS~~ UZSSR, 1960. (TASH-
KENT STATE UNIV IM I. V. STALIN). (KL, 2-61, 200).

INOYATOV, N.Sh.; KHAKIMOV, I.Kh.; USMANOV, Kh.U.

Thermodynamic functions of water and methanol when sorbed by
cotton cellulose and cellulose hydrate. Uzb. khim. zhur. no.6:
16-20 '60. (MIRA 14:1)

1. Institut khimii polimerov AN UzSSR. 2. Chlen-korrespondent
AN UzSSR (for Usmanov).

(Cellulose) (Thermodynamics)
(Methanol)

NIGMAKHODZHAYEVA, M.S., ALIMBEKOV, M., KHAKIMOV, I.Kh.

Study of mechanical and thermodynamical properties of cellulose
in organic solvents.

Report presented at the 13th Conference on high-molecular compounds
Moscow, 8-11 Oct 62

KHAKIMOV, Khadzhi Akbarovich, kand. med. nauk; SHAYAKHMETOVA, R.,
red.

[Blood transfusion and donorship] Perelivanie krovi i
donorstvo. Tashkent, Meditsina Uzbekskoi SSR, 1965.
14 p. (MIRA 18:12)

L 28017-66

ACC NR: AP6018196

SOURCE CODE: UR/0242/65/000/004/0033/0036

AUTHOR: Khakimov, Kh. A.

14
B

ORG: Uzbek Scientific Research Institute of Hematology and Blood Transfusion (Uz-
bekskiy nauchno-issledovatel'skiy institut gematologii i perelivaniya krovi)

TITLE: Blood service in Uzbekistan

22

SOURCE: Meditsinskiy zhurnal Uzbekistana, no. 4, 1965, 33-36

TOPIC TAGS: blood, medical supply

ABSTRACT: The article contains a history of the blood service in Uzbekistan from its inception in 1930 up to the present. The service has enjoyed its most rapid development since the war. The author cites briefly the problems studied by the service in the post-war years. [JPRS]

SUB CODE: 06 / SUBM DATE: 03Jun64

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VLASOVA, V.Ya.; POPOVA, Ye.S., dotsent; KHAKIMOV, K.Kh., vrach.

Brief news and information. Zdrav.Turk. 6 no.4:50-52 J1-Ag '62.

(MIRA 15:8)

1. Predsedatel' Turkmenskogo filiala Vsesoyuznogo obshchestva nevropatologov i psikhiatrov (for Vlasova). 2. Predsedatel' Turkmenskogo obshchestva epidemiologov, mikrobiologov i infektsionistov (for Popova). 3. Predsedatel' Nauchnogo vrachebnogo obshchestva v Kizyl-Arvate, Turkmenskoy SSR (for Khakimov).

(MEDICAL SOCIETIES)

KHAKIMOV, Kh.

Combined vegetative and sexual methods in plant breeding. Dokl. AN
Uz. SSR no. 7:42-44 '59. (MIRA 12:10)

1. Sredneaziatskiy nauchno-issledovatel'skiy institut shelkovodstva.
Predstavleno akad. AN UzSSR S.S. Kanashom.
(Plant breeding)

KHAKIMOV, Kh.A.

Acute gastric phlegmon. Khirurgiia no.6:87-88 Ja '55.(MLBA 8:10)

1. Iz kliniki fakul'tetskoy khirurgii Tashkentskogo meditsinskogo instituta.

(STOMACH--INFLAMMATION)

Khakimov, Kh.A.
KHAKIMOV, Kh.A., glavnyy vrach

Clinical First Aid Hospital. Sbor.trud.Tashk.KBMP no.1:3-7 '56
(TASHKENT--HOSPITALS) (MIRA 11:3)

KHAKIMOV, Kh. A., Candidate Med Sci (diss) -- "Some unsolved problems of acute appendicitis". Tashkent, 1959. 18 pp (Tashkent State Med Inst), 250 copies (KL, No 22, 1959, 123)

KHAKIMOV, Kh.A., kand.med.nauk

Meckel's diverticulum in surgical practice. Med. zhur. Uzb. no.11:
58-59 N '61. (MIA 15:2)

1. Iz kliniki gospiatal'noy khirurgii (zav. - prof. S.A.Masumov)
Tashkentskogo gosudarstvennogo meditsinskogo instituta.
(ILEUM)

"APPROVED FOR RELEASE: 09/17/2001

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AZIZOV, M.A.; KHAKIMOV, Kh.Kh.

Complex compounds of zinc halides and anabasine. Dokl. AN Uz. SSR
no.6:37-42 '58. (MIRA 11:9)

1. Tashkentskiy farmatsevticheskiy institut. Predstavleno akademikom
AN UzSSR A.S. Sadykovym.
(Zinc halides) (Anabasine) (Complex compounds)

AZIZOV, M.A.; KHAKIMOV, Kh.Kh.

Reaction of cobalt chloride with vitamins B₆ and B₁₂. Dokl. AN Uz. SSR
no.9:31-33 '58. (MIRA 11:12)

1. Tashkentskiy farmatsevticheskiy institut. Predstavleno
akademikom AN UzSSR A.S.Sadykovym.
(Folic acid) (Pyridoxine) (Cobalt chloride)

KHAKIMOV, Kh.Kh.; AZIZOV, M.A.

Reaction of novocaine with cobalt halides, Dok. AN Uz.SSR
no.10:31-34 '58. (MIRA 11:12)

1. Tashkentskiy farmatsevticheskiy institut. Predstavleno
akademikom AN UzSSR A.S.Sadykovym.
(Cobalt halides) (Novocaine)

KHAKIMOV, Kh. Kh., Cand Chem Sci -- (diss) "Complex compounds of salts of bi- and trivalent cobalt with derivatives and isomers of aminobenzene acid (vitamin H_1) and also with vitamins B_1 and B-complex."

Leningrad, 1960. 16 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Leningrad Order of Labor Red Banner Technological Inst im Lensovet, Ministry of Public Health Uzbek SSR, Tashkent Pharmaceutical Inst); 300 copies; price not given; (KL, 17-60, 142)

GRINBERG, A.A.; KHAKIMOV, Kh.Kh.

Stability constants of cobalt complexes with certain vitamins. Zhur.
neorg. khim. 6 no.1:144-152 '61. (MIRA 14:2)

(Cobalt compounds)

AZIZOV, M.A.; KHAMRAYEV, A.D.; KHAKIMOV, Kh.Kh.

Complex compounds of nicotinic acid and its amide with manganese
halides. Uzb. khim. zhur. 7 no.4:32-34 '63. (MIRA 16:10)

1. Tashkentskiy farmatsevticheskiy institut.

KHAKIMOV, Kh.Kh.

Law of trans-effect. Zhur.neorg.khim. 8 no.5:1165-1167 My
'63. (MIRA 16:5)
(Organometallic compounds) (Isomerism)

KHAKIMOV, Kh.Kh., inzh.-marksheder; KOVTUN, V.Ya.

Study of the displacement of the undercut layer of rock and manifestation of rock pressure. Ugol' 39 no.2:9-15 F '64. (MIRA 17:3)

1. Korkinskaya ratonnaya gornotekhnicheskaya inspektsiya (for Khakimov). 2. Shakhta No.30 Chelyabinskogo kombinata ugol'nykh predpriyatiy Ministerstva ugol'noy promyshlennosti SSSR (Chelyabinskugol') (for Kovtun).

MANULKIN, Z.E.; KHAZANOVICH, R.L.; KHAKIMOV, Kh.Kh.; IKRAMOV, I.T.;
AKOPOV, I.E.; YADROVA, V.M.

Reviews and bibliography. Apt. delo 13 no.3:83-87 My-Je '64.
(MIRA 18:3)

KHAKIMOV, KH.R.

29628

Novyy Sposob Eamorazhivaniya Gruntov Dlya Stroityel'Nykhsyelyey. Stroit.
Prom-st: 1949, No.9 S.13-15

SO:Letopis'No.40

1. KHAKIMOV, Kh. R.
2. USSR (600)
4. Frozen Ground
7. Taking into account the effect of filtration current during the freezing of ground. Gidr. stroi. 21, no. 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January, 1953. Unclassified.

KHAKIMOV, KH. R.

9

U S S R .

1805. Khakimov, Kh. R., Heat exchange in a freezing core (in Russian), *Gidrotekh. Stroi.* 22, 8, 16-19, Aug. 1953.

An experimental investigation was carried out on a natural scale of the heat exchange in a freezing core under the conditions of laminar flow of the heat-carrying liquid. The results agree well with investigations of other Russian workers based on the assumption that heat transfer in the flow should be determined by factors of the free flow as well as of the forced flow.

From simultaneous measurement of the velocity of circulation and of the temperature of the heat-carrying liquid in two different periods during the winter 1952-1953, author obtains a practically important relation between the velocity of circulation and the corresponding change of temperature of the heat carrier (hyperbolic dependence). Further, a linear dependence of the temperature difference on the temperature is established. Finally, it is recommended by the author to keep the velocity of circulation in the freezing core within the limits 4-6 cm/sec instead of 5-20 cm/sec as was hitherto recommended. This is of considerable practical importance.

I. Bergman, Moscow, U.S.S.R.

90

KHAKIMOV, Kh. R.

"Questions on the Theory and Practice of the Artificial Freezing of Ground."
Dr Tech Sci, Inst of Frost Study imeni V. A. Obruchev, Acad Sci USSR, Moscow,
1955. (KL, No 17, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended
at USSR Higher Educational Institutions (16).

KHAKIMOV, Khalik Baurovich; ZHUKOV, V.F., otvetstvennyy redaktor;
KSENOFONTOV, A.I., redaktor izdatel'stva; SHEVCHENKO, G.N.,
tekhnicheskiy redaktor

[Problems in the theory and practice of artificially freezing
ground] Voprosy teorii i praktiki iskusstvennogo zamorazhivaniia
gruntov. Moskva, Izd-vo Akad.nauk SSSR, 1957. 190 p. (MIRA 10:8)
(Frozen ground)

KHAKIMOV, Kh.R.

Calculating the effect of percolation flow on the freezing of
sandy soils. NIIOSP no.31:33-56 '57. (MIRA 10:12)
(Soil freezing) (Soil percolation)

KHAKIMOV, Kh.R.

"Foundations on frozen ground" by N.A.TSytovich. Reviewed by
Kh.R.Khakinov. Osn.,fund. i mekh.grun. no.3:32 '59.

(MIRA 12:8)

(Foundations) (Frozen ground) (TSytovich, N.A.)

KHAKIMOV, Kh.R., doktor tekhn.nauk, prof.

Some basic improvements of methods for the artificial freezing
of soil. [Trudy] NIIOSP no.36:5-13 · '59. (MIRA 13:5)
(Soil freezing)

KHAKIMOV, Kh.R., kand.tekhn.nauk

New method of freezing soil for construction purposes. Stroi.
prom. 27 no.9:13-15 S '59. (MIEA 13:2)
(Soil freezing)

KHAKIMOV, Kh.R.; BAKHOLDIN, B.V.; RUDERMAN, B.G.

Using hydraulic methods in sinking refrigerating cores. Osn.fund.
1 mekh.grun. 2 no.2:16-17 '60. (MIRA 13:8)
(Soil freezing)

KHAKIMOV, Kh.R.; RUDERMAN, B.G.

Portable low-temperature station for freezing ground. [Trudy]
NIIOSP no.45:64-76 '61. (MIRA 15:1)
(Soil freezing)

KHAKIMOV Kh.R.

Improving the soil freezing method for building purposes. Osn.
fund. 1 mekh. grun. 3 no.1:7-8 '61. (MIRA 14:3)
(Soil stabilization) (Frozen ground)

KHAKIMOV, Khalik Raupovich, doktor tekhn. nauk, prof.; OSFENKO, L.M.,
red. izd-va; MIKHEYEVA, A.A., tekhn. red.

[Freezing soil for construction purposes] Zamorazhivanie grun-
tov v stroitel'nykh tseliakh. Moskva, Gosstroizdat 1962. 186 p.
(MIRA 15:9)

(Soil freezing)

KHAKIMOV, Kh.R.

Using pile foundations for large-panel buildings on the settling
soil in Perm. Osn., fund.i mekh.grun. 4 no.4:6-8 '62.

(MIRA 15:8)

(Perm--Foundations)

KHAKIMOV, M.

Fishing operations. Neftianik 1 no.4:10 Ap '56. (MLRA 9:10)

1. Master po dobyche naefiti promysla No. 2 neftepromyslovogo
upravleniya Oktyabr'skneft'.
(Oil well drilling--Equipment and supplies)

KHAKIMOV, M.G.

IL'IN, N.G.; MATYUSHIN, R.N.; KHAKIMOV, M.G.; PETROVA, Ye.A., redaktor;
TROFIMOV, A.V., tekhnicheskiiy redaktor

[Water flushing in oil well drilling] Opyt burenia skvashin s
promyvkoj vodoi. Moskva, Gos. nauchno-tekhnicheskoe izd-vo neftianoi
i gorno-toplivnoi lit-ry, 1954. 23 p. (MLRA 8:3)
(Oil well drilling)

SOV/92-58-1-9/22

AUTHOR: Khakimov, M. G., Planning Department Head

TITLE: Drillers of Aznakayevo Are the Winners (Pobeda za aznakayevskimi burovikami)

PERIODICAL: Neftyanik, 1958, ³Nr 1, pp. 13-14 (USSR)

ABSTRACT: The Aznakayevo drilling office was organized by the Al'met'yev-burneft' trust in the beginning of the Fifth Five Year Plan period, and the Serafimovo drilling office was organized somewhat later by the Tuymazaburneft' trust. From the very beginning friendly relations bound drillers of both offices, and on several occasions consultation meetings were arranged between their staff members. Drilling results of both offices were good. However, in socialist competition the Aznakayevo drillers were proclaimed winners because in 1957 their average drilling speed reached 1512 meters per rig per month. In 1957 the Aznakayevo drillers increased the commercial drilling speed from 767 meters to 1521, while the Serafimovo

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Drillers of Aznakayevo Are the Winners

drillers only raised it from 1048 meters to 1058 meters. This success of the Aznakayevo drillers was due to the limited time spent on auxiliary operations (preparation of the drilling mud, geophysical survey, core sampling, replacement of bits, etc.) as is shown by the author in a comparative table. This resulted in saving 11,460 hours per rig. Analysis of drilling results revealed that the three-cone bits were utilized by the Aznakayevo drillers in a very efficient way which permitted them to increase their commercial drilling speed substantially. In addition, there were some other reasons which helped the Aznakayevo drillers to outstrip their colleagues in Serafimovo. However, it has been observed that too much time is lost in Aznakayevo between the completion of one bore-hole and the starting of another, due to the fact that rigs are not brought to the drilling site in time. Moreover, the percentage of core sampling to the footage drilled at Aznakayevo was much lower than at Serafimovo. Too much time was also lost at Aznakayevo on emergency operations. While the Serafimovo office is using electric motors exclusively, the Aznakayevo office performs 30 percent of its drilling assignments by using V-2-300 motors.

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SOV/92-58-1-9/22

Drillers of Aznakayevo Are the Winners

Because of all these shortcomings, the Serafimovo drillers pointed out that there is still room for improvements at Aznakayevo. There are 2 tables.

ASSOCIATION: Kontora bureniya No 3 tresta Tuymazaburneft' (Drilling office No. 3 of the Tuymazaburneft' trust)

1. Petroleum industry
2. Drilling machines---Performance
3. Drilling fluids---Preparation
4. Personnel---Performance

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